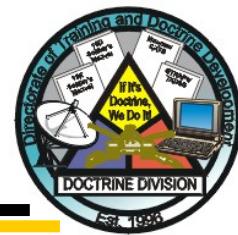




Information Brief



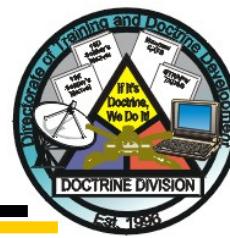
“MGS Platoon”

CPT Daniel R. Redden
Platoon/Gunnery Branch
Chief, Platoon/Gunnery Branch - DTDD
Doctrine Division, DTDD





Purpose



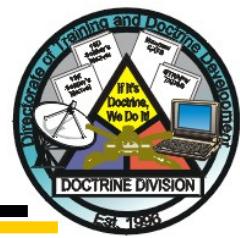
**To provide an
overview of the MGS
platoon of the IBCT;
where it's been and
where it's going.**

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Doctrine Division, DTDD*





Outline

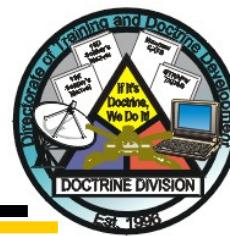


- ✓ **What is the MGS Platoon**
- ✓ **Structure/MTOE (Base and Objective)**
- ✓ **Vehicle Capabilities/Requirements**
- ✓ **MGS Platoon Completed Initiatives**
- ✓ **Doctrinal Differences for the MGS Platoons using the Core Competencies**
- ✓ **Questions**





What is the MGS Platoon



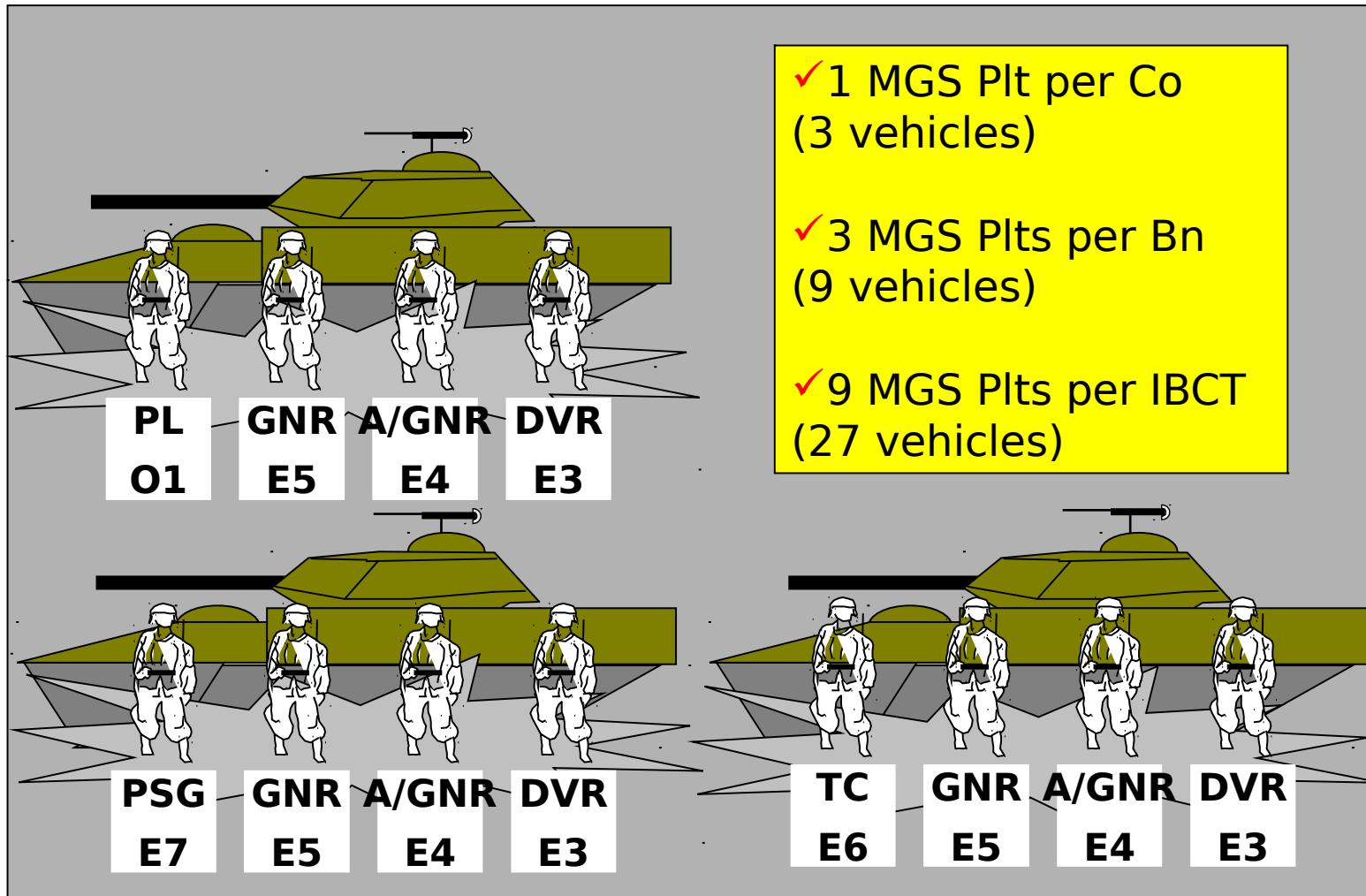
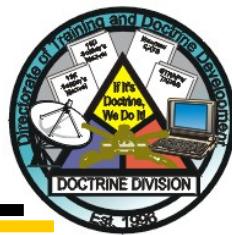
“The MGS platoon is an organic platoon of the rifle company. Its mission is to provide medium-armor support, firepower, maneuver, protection and shock effect to aid the combined arms company in the accomplishment of its mission.”

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MGS PLATOON

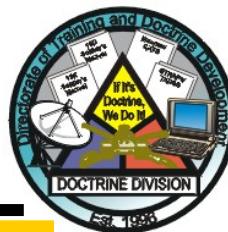


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MTOE (Base)



PARA 08 MEDIUM GUN SYSTEM PLT

01	PLATOON LEADER	AAT	02	12B00	AR	P1	1
02	PLATOON SERGEANT	AAU	E7	19K40		P1	1
03	IAV COMMANDER	IBE	E6	19K30		P1	1
04	GUNNER/ASSISTANT TC	FAC	E5	19K20		P1	11
05	IAV DRIVER	IBG	E4	19K10		P1	3
06	ASST GUNNER/CREWMAN	IBH	E3	19K10		P1	3
						PARA TOTAL	12

L45740 P LAUNCHER TUBULAR GUIDED MISSILE: (TOW) 3

M92841 A MACHINE GUN: 7.62MM M240B 3

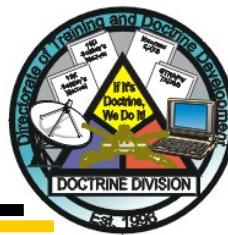
T05096 A TRUCK UTILITY: TOW CARRIER ARMD 1-1/4 TON 4X4 W/E (HMMWV) 3

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MTOE (Objective)



PARA 08 MEDIUM GUN SYSTEM PLT

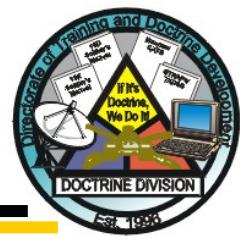
01	PLATOON LEADER	AAT	02	12B00	AR	P1	1
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05	IAV DRIVER	IBG	E4	19K10		P1	3
06	ASST GUNNER/CREWMAN	IBH	E3	19K10		P1	3
					PARA TOTAL		12
L91975	A MACHINE GUN CALIBER .50: HB FLEXIBLE (GROUND AND VEHICLE) W/E						3
L92352	A MACHINE GUN 7.62 MILLIMETER: FIXED						3
Z43686	P MOBILE GUN SYSTEM: (MGS)(ICV)						3

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MGS Vehicle Capabilities

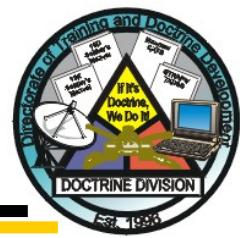


- ✓ Provide lethal direct fires in support of dismounted, assaulting Infantry
- ✓ Rapidly destroy a diversity of threat targets (stationary, mobile, material)
- ✓ Employ full suite of munitions under all visibility conditions
- ✓ Achieve high survivability through:
 - Situational Understanding (FBCB2 and other digital systems)
 - Support to positions outside threat engagement zones
 - Operate as part of the Combined Arms Company
 - Avoiding high risk, unsecured terrain profiles
 - Maintaining Mobility and Agility
 - Organic Weapon Systems for Direct Fire Self-Defense





MGS Vehicle Key Requirements

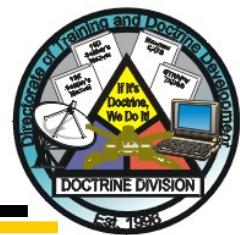


- ✓ Destroy with direct & supporting fires conventional infantry bunkers & wall-type fortifications, machine gun and sniper positions
- ✓ Defeat dismounted infantry with primary & secondary weapon systems
- ✓ Deliver bunker-defeating, HE & AP munitions
- ✓ Possess a full solution fire control system, eye-safe laser rangefinder, stabilized platform, & the ability to operate in degraded mode
- ✓ Carry minimum 17 rounds for the primary armament system in “ready-to-fire” configuration; fire 6 RPM
- ✓ Use add-on, scaleable armor packages, spall lining and separate personnel & ammo storage compartments to enhance vehicle & crew survivability





Platform Performance Demonstration

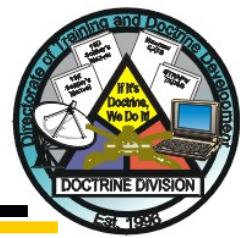


- ✓ Hosted at Fort Knox, January 00
- ✓ 35 Candidate Platforms from 11 different contractors
- ✓ 5 of the Platforms were MGS type vehicles
- ✓ Demonstration Test conducted:
 - Phase I & II - Planning, Safety, Risk Assessment, Technology Insertion & Adaptability (TI&A)
 - Phase III - Deployability by C-130 Aircraft
 - Phase IVA - Continuous Mobility Operations
 - Phase IVB - Live Fire (day and night)
 - Phase IVC - Agility in complex open and urban terrain
 - Phase IVD - Logistics Requirements (recovery, maintenance, towing & fuel consumption)
 - Phase V - Swim Test





Doctrinal Manuals



FM 17-15-1 (Initial Draft), Mobile Gun System Platoon and ARTEP 17-97F-11-MTP, Mission Training Plan, Mobile Gun System Platoon

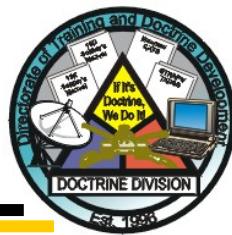
- ✓ Address the unique operational requirements for this platoon to be successful in completing its mission.
- ✓ ARTEP manual lays out specific training plans for the platoon that encompass the unique requirements inherent in urban, stability, support, infantry-centric operations
- ✓ Manuals stress:
 - Capabilities and Limitation of the MGS Platoon
 - Core Competencies for MGS Platoon to be successful
 - Infantry-centric Operations
 - Urban Operations
 - Stability Operations
 - Support Operations





FM 17-15-1

Timeline

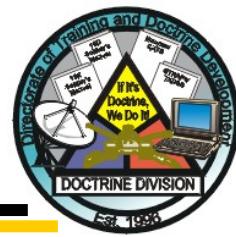


- ✓ Initial Draft to Field February 00
- ✓ 1st Coordinating Draft August 00
- ✓ 2nd Coordinating Draft December 00
- ✓ Final Draft to Field April 01
- ✓ Camera Ready Copy June 01





Troop Leading Procedures

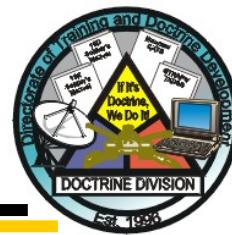


- ✓ Troop leading procedures are the basis of a dynamic process by which units at every level develop plans and on
- ✓ In the MGS platoon, all leaders must be proficient in TLP because of the nature of the operations the platoon will co
- ✓ Types of operations include:
 - Operations with dismounted infantry
 - Operations as part of the platoon
 - Operations as an individual vehicle
 - In urban operations
 - In Stability operations and Support operations





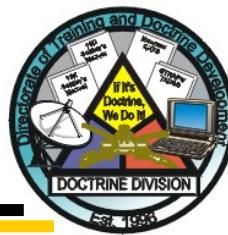
Fundamentals



- ✓ Inherent in all operations the MGS platoon conducts are three fundamental tasks the platoon must conduct successfully.
 - Local Security - the MGS platoon maintains security by using dismounted infantry to secure them.
 - Actions on Contact - Because the MGS platoon has the bulk of the firepower in the company, it must conduct AOC proficiently so it can bring its full combat power to bear when needed.
 - Tactical Movement - The MGS platoon must move tactically at the platoon and individual vehicle levels and with dismounted infantry; in all types of terrain and weather.



Support of Infantry-Centric Attack

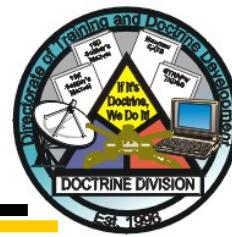


- ✓ In its main role of support to the infantry, the MGS platoon must be proficient in the following offensive tasks:
 - Support By Fire (SBF) & Attack By Fire (ABF) - It is critical for the MGS platoon to know the difference between these two tasks. SBF and ABF will be the tasks that the platoon conducts most of the time in support of the infantry, especially in urban operations.
 - Assault - There is little change in the conduct of this task from established doctrine. Special considerations need to be considered during urban operations and when working with dismounted infantry.





Support of Infantry-Centric Defense

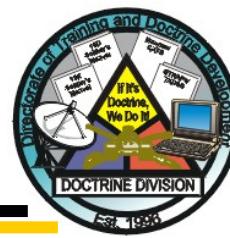


- ✓ In its main role of support to the infantry, the MGS platoon must be proficient in the following defensive tasks:
 - Hasty Occupation of a Battle Position - This task will be conducted mostly in urban terrain to support dismounted infantry when breaking contact or to repel threat counterattacks.
 - Counterattack - This is another primary task for the MGS platoon in support of the infantry. Will rely on its superior mobility, fire power and protection.





Employ Fires



✓ From established doctrine, there is no difference in the ability of the MGS platoon to employ effective direct and indirect fires. The MGS platoon must be proficient in:

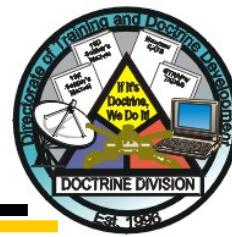
- Indirect fire planning
- Calling for and adjusting indirect fires
- Direct Fire Planning (Engagement Area Prep and Fire Control Measures in the Offensive).
- Direct Fire Tactics, Techniques & Procedures

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Doctrine Division, DTDD*





Conduct CSS Operations

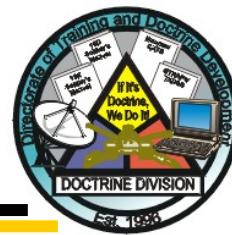


- ✓ The MGS platoon has no organic CSS assets. It will rely heavily on the assets of the company and battalion.
- ✓ The MGS Platoon PSG is the primary coordinator, tracker and executor of the CSS plan for the platoon.
- ✓ The austere logistical package in the IBCT causes the PSG to be intimately familiar with higher headquarters logistical structure.
- ✓ As the only “armored” platoon in the company, the MGS platoon must be proficient in both ground and aerial resupply techniques.





Deploy/RSOI



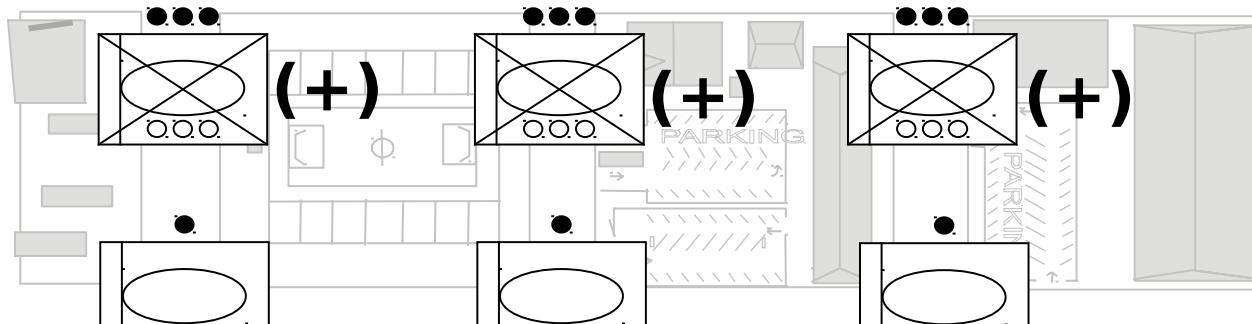
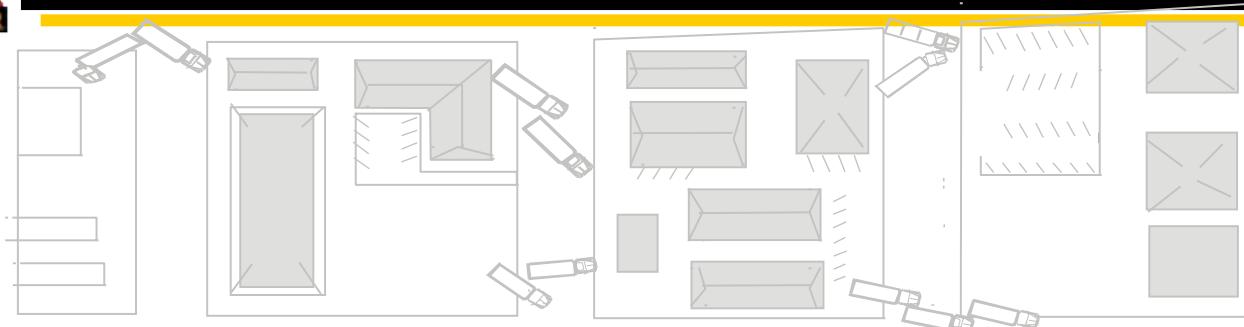
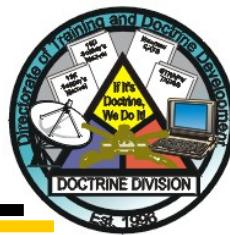
✓ The ability of the IBCT to rapidly deploy anywhere in the world on short notice will cause the MGS platoon to be proficient in all tasks required for deploy and conduct of RSOI operations once in theater. These requirements are:

- Through predeployment preparation standards maintained at all times.
- Strict adherence to established timelines.
- Continually communications (FM and digital) with higher headquarters.
- Through tracking of combat power enroute and as it builds in theater.

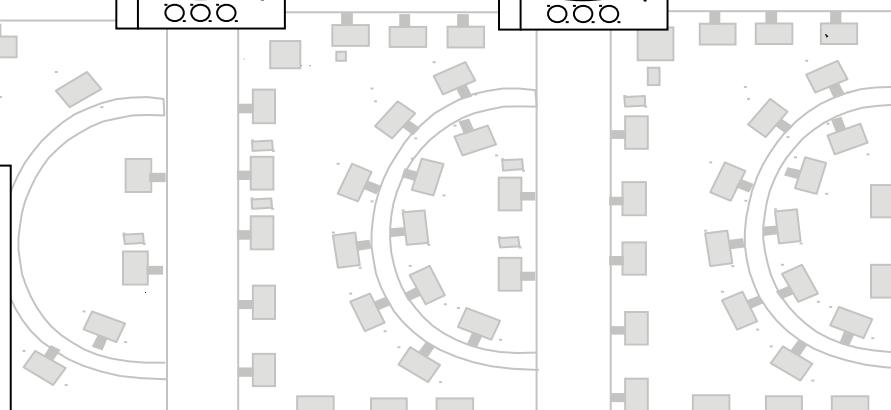




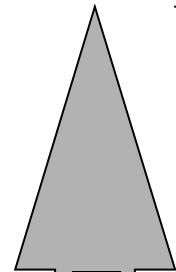
RIFLE COMPANY ON 3 AXES



Task Org/PLT
3-IAV
1-MGS
Balanced formation

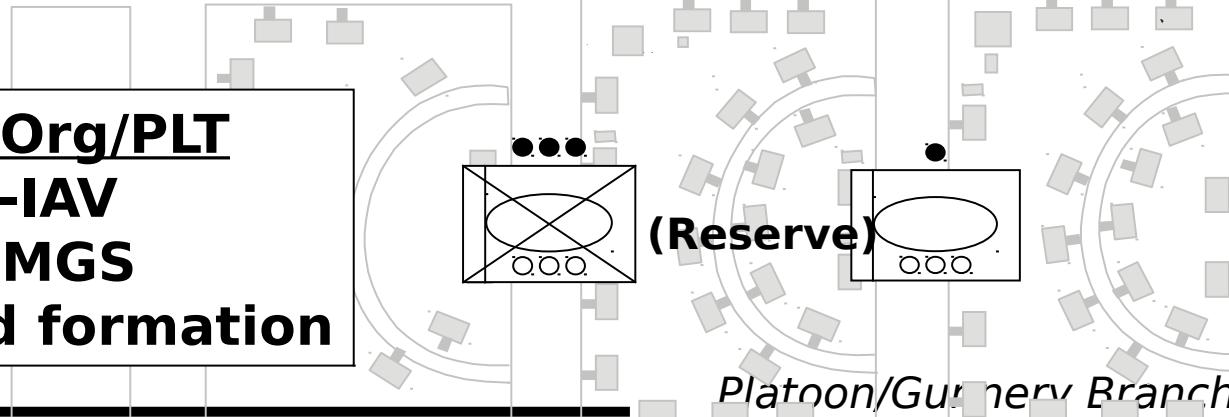
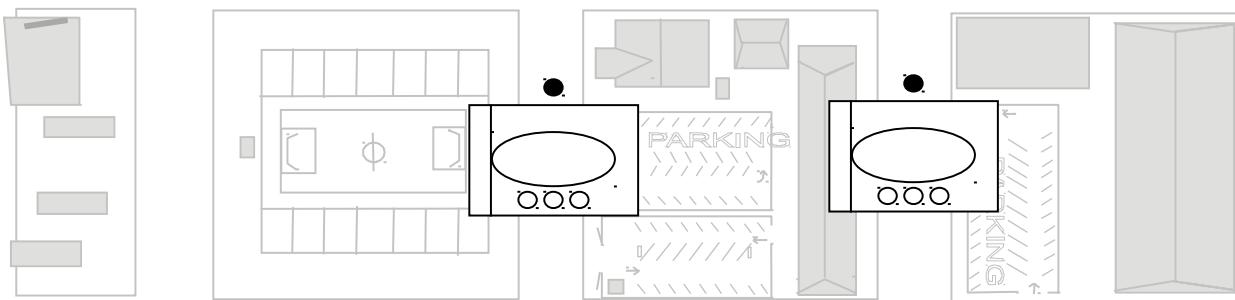
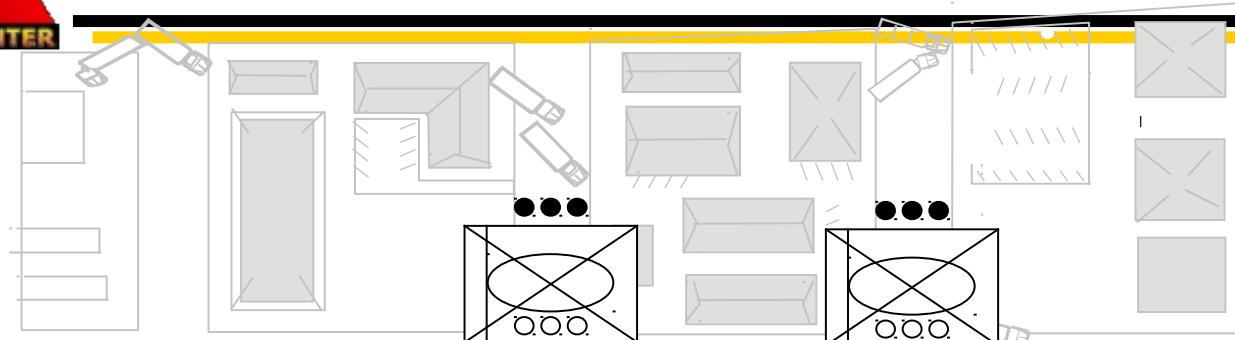
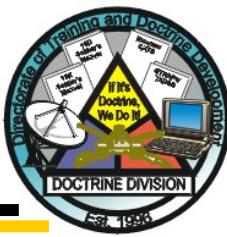


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Doctrine Division, DTDD*





RIFLE COMPANY ON 2 AXES



(Reserve)

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Doctrine Division, DTDD

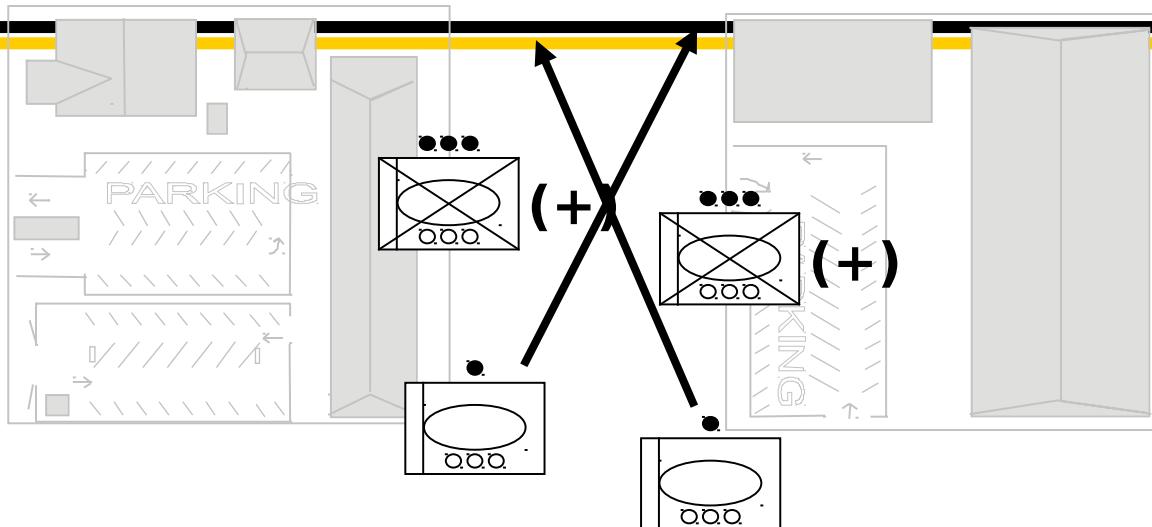
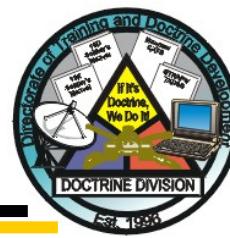
Direction of Travel

Task Org/PLT
3-IAV
1-MGS
Balanced formation

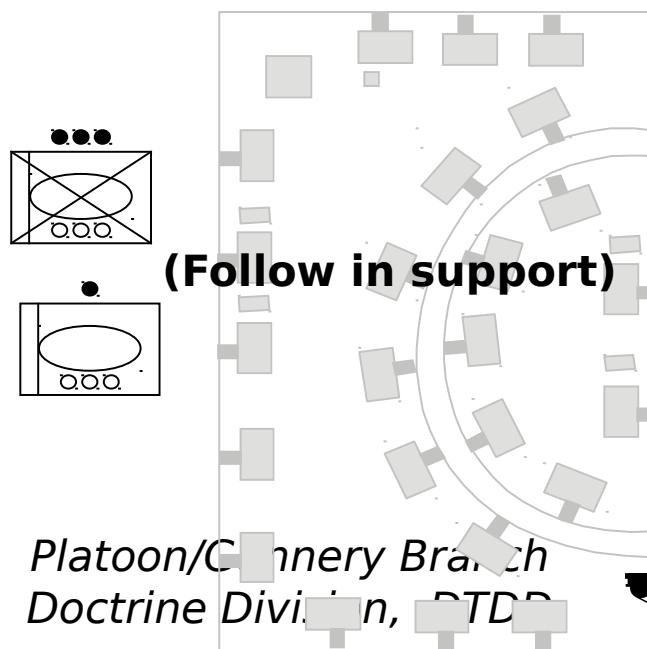
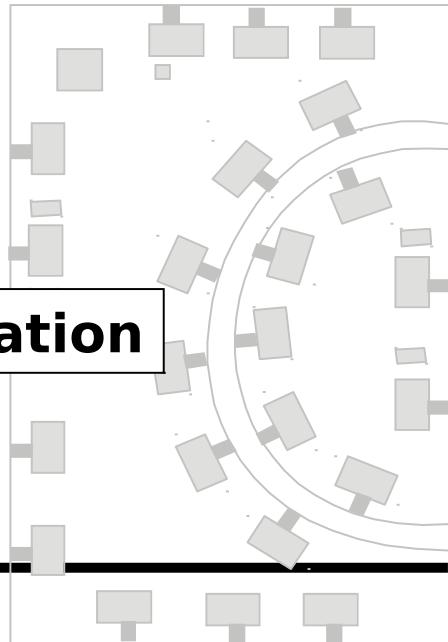




RIFLE COMPANY ON 1 AXIS



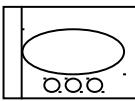
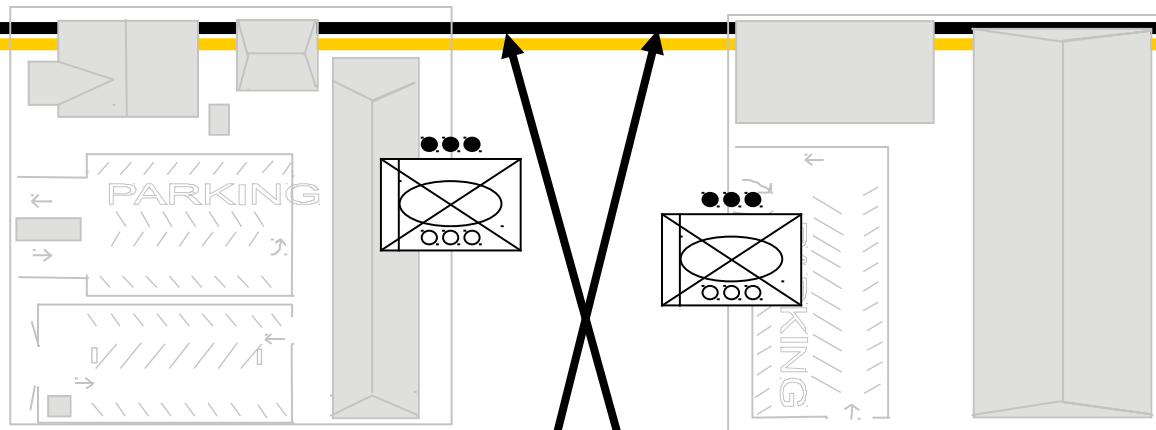
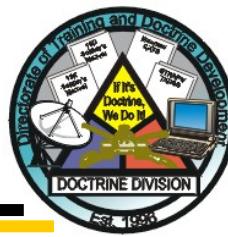
Split-tee formation



Direction of Travel

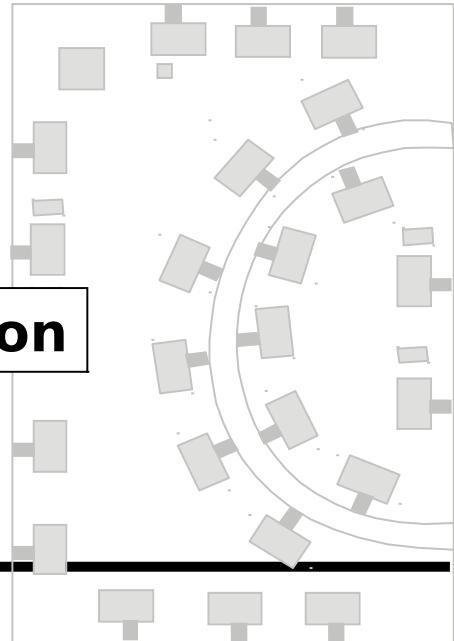


RIFLE COMPANY ON 1 AXIS



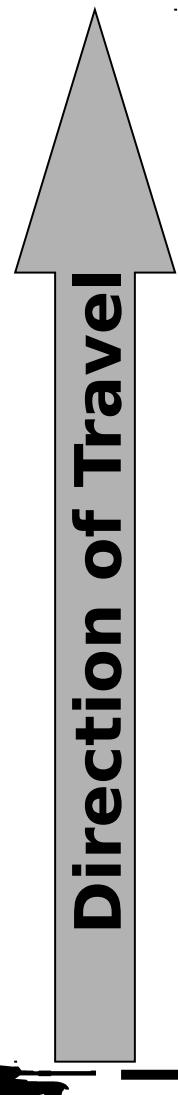
(Follow in support)

(Reserve)



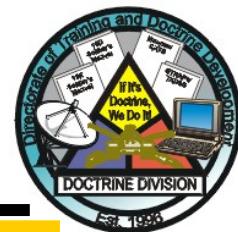
Tee formation

*Platoon/Connery Branch
Doctrine Division, PTDD*





Questions?



Platoon/Gunnery Branch
Doctrine Division, DTDD

